PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL PRELIMINARY AMENDMENT TRANSMITTAL LETTER

AUG 2 1 ZOM DE COMPANIE DE COM

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on August 23, 2001.

C. Magallón

Applicant

Ahmadreza Rofougaran, et al.

Application No.:

09/698,498

Filed

October 27, 2000

Title

ADAPTIVE RADIO TRANSCEIVER WITH CMOS OFFSET PLL

Grp./Div.

2682

Examiner Docket No.

To be assigned 40886/CAG/B600

Assistant Commissioner for Patents Washington, D.C. 20231

Post Office Box 7068 Pasadena, CA 91109-7068 August 23, 2001

Enclosed is a supplemental preliminary amendment to the above-identified application.

	(CLAIMS AS	AMENDE	D		
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	21	* 28	0	x \$9.00	x \$18.00	0
Independent Claims	3	** 4	0	x \$40.00	x \$80.00	0
Multiple Dependent Claims ***				\$135.00	\$270.00	0
TOTAL FILING FEE						\$0
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					0
LIST INDEPENDENT C	LAIMS: 1, 8, an	d 15				
* IF HIGHEST NUMBER ** IF HIGHEST NUMBER *** PAY THIS FEE ONLY W **** IF NO FEE REQUIRED,	PREVIOUSLY PAID HEN MULTIPLE D	FOR IS 3 OR EPENDENT C	LESS, WRITE LAIMS ARE A	"3" IN COLUMN 3 DDED FOR THE F		

 Attached is our check for \$ to pay the fees calculated above.
 A Petition for Extension of Time and the required fee are enclosed.
Other enclosures:

Amendment Transmittal Letter Application No. 09/698,498

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A copy of this letter is enclosed.

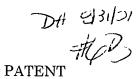
Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

Craig A Gelfound

Reg. No. 41,032 626/795-9900

CAG/cam
CAM PAS375358.1-*-8/23/01 3:37 PM



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on August 23, 2001.

Applicant

Ahmadreza Rofougaran, et al.

Application No. :

09/698,498

Filed

October 27, 2000

Title

RECEIVED

AUG 2 9 2001

Technology Center 2000 ADAPTIVE RADIO TRANSCEIVER WITH CMOS

OFFSET PLL

Grp./Div.

2682

Examiner

To be assigned

Docket No.

40886/CAG/B600

SUPPLEMENTAL PRELIMINARY AMENDMENT

Post Office Box 7068 Pasadena, CA 91109-7068 August 23, 2001

Assistant Commissioner for Patents Washington, D.C. 20231

Commissioner:

Before examination please amend the above-identified application, as follows:

In the Claims:

Please cancel Claims 22-28 without prejudice. Claims 1-21 remain unchanged and are included herein for reference purposes.

1. (Unchanged) A complimentary metal oxide semiconductor (CMOS) phase lock loop, comprising:

an oscillator having a tuning input, and an output with a tunable frequency responsive to the tuning input;